

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012712

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J20/32 B01J20/26 B01J20/10 B01D15/08 G01N30/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B01D G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/64579 A (MIRA DIAGNOSTICA GMBH ;PLOBNER LUTZ (DE); LEISER ROBERT MATTHIAS()) 2 November 2000 (2000-11-02) cited in the application the whole document	1-9
Y	US 5 522 994 A (FRECHET ET AL) 4 June 1996 (1996-06-04) column 2, line 33 - line 67 column 5, line 8 - line 67	1-9
Y	US 4 160 728 A (KIRKLAND ET AL) 10 July 1979 (1979-07-10) column 2, line 42 - line 50 column 5, line 38 - line 51 column 6, line 57 - line 66 column 7, line 10 - line 21	1-9
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

18 February 2005

Date of mailing of the international search report

01/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Bork, A-M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012712

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 020 220 A (MIRA DIAGNOSTICA GMBH) 19 July 2000 (2000-07-19) cited in the application the whole document -----	1-6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012712

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0064579	A	02-11-2000	AU 5062700 A WO 0064579 A1 EP 1202798 A1	10-11-2000 02-11-2000 08-05-2002
US 5522994	A	04-06-1996	NONE	
US 4160728	A	10-07-1979	BE 861589 A1 CA 1101827 A1 CH 634661 A5 DE 2754252 A1 DK 544977 A FR 2373316 A1 GB 1592885 A IE 45932 B1 IT 1089344 B JP 1010779 B JP 1537302 C JP 53071899 A LU 78658 A1 NL 7713517 A SE 442591 B SE 7713892 A	07-06-1978 26-05-1981 15-02-1983 15-06-1978 09-06-1978 07-07-1978 08-07-1981 29-12-1982 18-06-1985 22-02-1989 21-12-1989 26-06-1978 11-07-1978 12-06-1978 20-01-1986 09-06-1978
EP 1020220	A	19-07-2000	EP 1020220 A1 AT 229842 T AU 2288800 A CA 2360322 A1 DE 60001053 D1 DE 60001053 T2 WO 0041807 A1 EP 1148945 A1 ES 2188501 T3 JP 2002534258 T US 2004109996 A1	19-07-2000 15-01-2003 01-08-2000 20-07-2000 30-01-2003 25-09-2003 20-07-2000 31-10-2001 01-07-2003 15-10-2002 10-06-2004